

an adjustable impedance network disposed on the substrate and coupled to the light emitting circuit wherein the adjustable impedance network is adjustable at the optical subassembly level.

40. (Amended) A light emitting component comprising:
a light emitting element disposed on a substrate for emitting light;

an adjustable impedance network disposed on the substrate and coupled to the light emitting circuit; and
circuitry for establishing a current threshold of the light emitting component.

41. (Amended) A light emitting component comprising:
a light emitting element disposed on a substrate for emitting light;

an adjustable impedance network disposed on the substrate and coupled to the light emitting circuit; and
circuitry for adjusting a current threshold of the light emitting component.

42. (Amended) A light emitting component comprising:
a light emitting element disposed on a substrate for emitting light;